

## ABSTRACT

There are provided component recognizing method and apparatus and component mounting method and apparatus by which components with various heights held by a plurality of nozzles can be recognized continuously. The drive of a head (60) is transmitted to nozzles (24 to 33), surfaces to be recognized of components (56 to 59) are controlled so as to be positioned in a recognizable range (L) in respective recognizing operations of the components, and the continuous recognition is thereby made possible. The adjustment of the heights of the surfaces to be recognized in the recognizing operations of the components is achieved by one drive unit (2) and a plurality of drive transmitting units (4 to 13).